



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
ERIC J. BECKMAN et al.)
Serial No.: 10/656,706)
Filed: September 5, 2003)
Art Unit: 1621)
Examiner: Shailendra Kumar)
Attorney Docket No.: 02-003)

**N-VINYLFORMAMIDE DERIVATIVES,
POLYMERS FORMED THEREFROM AND
SYNTHESIS THEREOF**

Pittsburgh, Pennsylvania 15219
May 2, 2006

Mail Stop RCE
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence and any document referred to as enclosed herewith are being deposited with the United States Postal Service in an envelope as United States Express Mail addressed to Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450	
<hr/> EL903356935US	
Mailing Label No.	
	
Henry E. Bartony, Jr., Registration No 34, 772	
<hr/> May 2, 2006	
Dated	

EXPRESS MAIL LABEL NO. EL903356935US

INFORMATION DISCLOSURE STATEMENT

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56, Applicants submit the attached forms PTO/SB/08A and PTO/SB/08B listing publications for consideration by the Examiner. Kindly, make these publications of record in the file of the application.

STATEMENT OF RELEVANCY

The relevance of the publications listed on attached forms PTO/SB/08A and PTO/SB/08B is apparent from their disclosure.

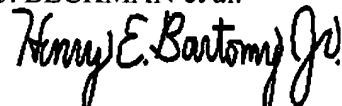
The Examiner is respectfully requested to initial a copy of the attached forms PTO/SB/08A and PTO/SB/08B to show consideration of the publications, and to return the initialed forms to the undersigned Attorney for Applicants.

Applicants note that although the cited references may be relevant to the examination of the above-referenced application, the filing of this Statement is not an admission that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in § 1.56(b).

Applicants believe that no fee is required in connection with this Information Disclosure Statement. However, the United States Patent and Trademark Office is hereby authorized to charge any such fee to Deposit Account No. 02-1065. A duplicate copy of this Information Disclosure Statement is transmitted herewith.

Respectfully submitted,

ERIC J. BECKMAN et al.



By _____

Date: May 2, 2006

Henry E. Bartony, Jr., Esq.
Reg. No. 34,772
Bartony & Hare, LLP
Law & Finance Building
Suite 1801
429 Fourth Avenue
Pittsburgh, Pennsylvania 15219
412-338-8632 (telephone)
412-338-6611 (fax)
Attorney for Applicants

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of 4

Application Number	10/656,706
Filing Date	September 5, 2003
First Named Inventor	ERIC J. BECKMAN
Art Unit	1621
Examiner Name	Shaileendra Kumar

Attorney Docket Number 02-003

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
A1	US-	4,444,667	04-24-1984	BURKERT	
A2	US-	5,262,008	03-14-1990	MOENCH	
A3	US-	5,463,110	05-20-1994	CHEN	
A4	US-	6,156,896	07-03-1996	CURRAN	
A5	US-	5,859,247	06-28-1996	CURRAN	
A6	US-	5,777,121	06-28-1996	CURRAN	
A7	US-	6,749,756	02-18-2000	CURRAN	
A8	US-	6,825,043	05-05-2000	CURRAN	
A9	US-	6,861,544	06-22-2000	CURRAN	
A10	US-	6,727,390	04-05-2001	CURRAN	
A11	US-	6,734,318	06-08-2001	CURRAN	
A12	US-	6,897,331	03-08-2002	CURRAN	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				
B1	EP 0 763 522		03-19-1997	AIR PRODUCTS AND CHEMICALS, INC.		
B2	EP 0 816 351		01-07-1998	AIR PRODUCTS AND CHEMICALS, INC.		
B3	WO 2004/02252 **		03-04-2004	UNIVERSITY OF PITTSBURGH	**INTERNATIONAL SEARCH REPORT , WRITTEN OPINION AND	
	**CORRESPONDING TO PCT/US03/2732, CORRESPONDING TO PRESENT US PATENT APPLICATION				**INTERNATIONAL PRELIMINARY EXAMINATION REPORT	
B4	NL 6526959		06-29-1966	FARBWERKE HOECHST AG	ABSTRACT	
B5	NL 6526956		1964	HOECHST AG	ABSTRACT	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/656,706
				Filing Date	September 5, 2003
				First Named Inventor	ERIC J. BECKMAN
				Art Unit	1621
				Examiner Name	Shailendra Kumar
Sheet	2	of	4	Attorney Docket Number	02-003

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	C1	PINSCHMIDT, R. K., JR. et al.; "New N-Vinylformamide Derivatives as reactive Monomers and Polymers"; Chemical Abstract Sevice, Columbus, Ohio, 2000, 119-131.		
	C2	ISHIBASHI, HIROYUKI et. al.; "6-Endo-Trig and 5-Exo-Trig Selective Aryl Radical Cyclizations of N-(o-Bromobenzyl) Enamides"; Chemical Abstract Sevice, Columbus, Ohio, 2000; 16; 1527-1528.		
	C3	MEUZELAAR, GERRIT J. et. al.; "Synthesis of Gama-Uncsaturated Enamides by N-Acylation of Imines Derived from Gamima-Uncsaturated Amines" Chemical Abstracts Service, Columbus, Ohio, US; 1997; 6; 1159-1163.		
	C4	BADESSO, R.J. et. al.; "Synthesis of Amine Functional Homopolymers with N-Ethenylformamide"; Glass, E.; Ed.; America Chemical Society, 1995, 489-504		
	C5	PINSCHMIDT, Jr. R.K. et.al.; "Amine Functional Polymers Based on N-Ethenylformamide"; Progress in Organic. Coatings, 1996, 27, 209-218		
	C6	PINSCHMIDT, Jr. R.K. et.al.; "N-Vinylformamide Derivatives and Their Use in Radiation Cure Coatings" Polym. Preprint. 1998, 39, 639-642		
	C7	KURTZ, P. et.al.; "Enamide"; Liebigs Ann. Chem., 1972, 764, 69-93.		
	C8	SHEEHAN, J. C. and YANG, D.-D. H.; " The Use of N-Formylamino Acids in Peptide Synthesis"; Journal Am. Chem. Soc. 1958, 80, 1154-1158		
	C9	PINSCHMIDT, Jr. R.K. et.al.; " N-Vinylformamide-Building Block for Novel Polymer Structures"; J.Macromol Sci.Pure Appl. Chem., 1997, A34(10), 1885-1905.		
	C10	MOHAMADI, F. et.al.; "MacroModel - An Integrated Software System for Modeling Organic and Bioorganic Molecules Using Molecular Mechanics"; Comput. Chem. 1990, 11, 440-467		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/656,706
(Use as many sheets as necessary)				Filing Date	September 5, 2003
				First Named Inventor	ERIC J. BECKMAN
				Art Unit	1621
				Examiner Name	Shailendra Kumar
Sheet	3	of	4	Attorney Docket Number	
02-003					

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C11	BOURN, A. J. R. et.al.; "Cis-Trans Isomerism in N-Methyl and N-Ethylformanilide"; Tetrahedron, 1966, 22, 1825-1829.	
	C12	ELIEL, E. L. et. al.; "Stereochemistry of Organic Compounds", Wiley, New York, 1994, 696-697	
	C13	GU, L. et.al.; "Kinetics and Modeling of Free Radical Polymerization of N-Vinylformamide"; Polymer 2001, 42, 3077-3086.	
	C14	GU, L. et.al.; "The Nature of Crosslinking in N-Vinylformamide Free-Radical Polymerization"; Macromol. Rapid Commun. 2001, 22, 212-214.	
	C15	CHUJO, Y. et.al.; "Molecular Design of Interfacially Active Graft Copolymers by Macromonomer Method"; Polym. J. 1985, 17, No. 1, 133-141.	
	C16	LUCAS, E. F. et.al.; "Surface Properties of Graft Copolymers Surfactants: Behavior at the Water/Toluene Interface"; J. Appl. Polym. Sci. 1992, 46, 733-737.	
	C17	BUSZELLO, K. et.al.; "Pharmaceutical Emulsions and Suspensions"; Nielloud, F. and Marti-Mestres, G., Eds., Marcel Dekker, Inc., New York, 2000, Ch. 5, 195-197	
	C18	LIU, F. et.al.; "Amphiphatic Polyethylene Glycol Stabilized Emulsions (o/w): Physical Characterization and in vivo Distribution", International Journal of Pharmaceutics, 1995, 125, 73-80.	
	C19	QIU, Y. et.al.; "Novel Nonionic Oligosaccharide Surfactant Polymers Derived From Poly(vinylamine) With Pendant Dextran and Hexanoyl Groups"; Macromolecules 1998, 31, 165-171.	
	C20	MEUZELAAR, GERRIT J. et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, Vol. 6, 1997, pages 1159-1164	

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/656,706
				Filing Date	September 5, 2003
				First Named Inventor	ERIC J. BECKMAN
				Art Unit	1621
				Examiner Name	Shailendra Kumar
Sheet	4	of	4	Attorney Docket Number	02-003

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C21	KURTZ, P. et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, Vol. 764, 1972, pages 69-93	
	C22	EBERSON, LENNART et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, Vol. 38, nO. 5, 1984, pages 345-350	
	C23	ISHIBASHI, HIROYUKI et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, Vol. 16, 2000, pages 1527-1528	
	C24	TROFIMOU, B.A. et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, 1981, pages 1405-1409	
	C25	KLEINER H. J. et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, 1974, pages 751-764	
	C26	ISHIBASHI, HIROYUKI et. al.; "6-Endo-Trig and 5-Exo-Trig Selective Aryl Radical Cyclizations of N-(o-Bromobenzyl) Enamides"; Chemical Abstract Sevice, Columbus, Ohio, 2000; 16; 1527-1528.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.